



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 29-May-2018

| DATE | CONTRACT | | OPEN INT | MTM | PREV MTM | HIGH | LOW | DAILY VOLUME | CUMULATIVE VOLUME |
|---------------|----------|--------------|-----------|---------|----------|--------|--------|--------------|-------------------|
| Future | | | | | | | | | |
| Jul 2018 | DAEU | Future | 34 | 14.7146 | 14.6164 | 0.0000 | 0.0000 | 0 | 0.00 |
| | | | 34 | | | | | 0.00 | 0.00 |
| | | Total | 34 | | | | | 0.00 | 0.00 |
| | | | | | | | | | 790 974.00 |
| | | | | | | | | | 11 805 710 627.30 |
| | | | | | | | | | 1 737 761.00 |
| | | | | | | | | | 11 805 710 627.30 |
| Future | | | | | | | | | |
| May 2018 | DAUS | Future | 0 | 12.6403 | 12.4566 | 0.0000 | 0.0000 | 20,000 | 252,806,000.00 |
| May 2018 | DAUS | Future | 270 | 12.6054 | 12.4566 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | Future | 1,746 | 12.6174 | 12.4701 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | Future | 20 | 12.3509 | 12.3509 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | Future | 5,947 | 12.6375 | 12.4898 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | Future | 3,981 | 12.6526 | 12.5046 | 0.0000 | 0.0000 | 2,000 | 25,360,200.00 |
| Jul 2018 | DAUS | Future | 100 | 12.6577 | 12.5095 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 1,800 | 12.6880 | 12.5392 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 500 | 12.6947 | 12.5458 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 70 | 12.6964 | 12.5475 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 1,345 | 12.6998 | 12.5508 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | Future | 2,515 | 12.7065 | 12.5574 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | Future | 70 | 12.7280 | 12.5789 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | Future | 3,479 | 12.7579 | 12.6085 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | DAUS | Future | 177 | 12.4777 | 12.4777 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | DAUS | Future | 2,695 | 12.8041 | 12.6533 | 0.0000 | 0.0000 | 0 | 0.00 |
| Oct 2018 | DAUS | Future | 70 | 12.8486 | 12.6966 | 0.0000 | 0.0000 | 0 | 0.00 |
| Oct 2018 | DAUS | Future | 225 | 12.8552 | 12.7030 | 0.0000 | 0.0000 | 0 | 0.00 |
| Oct 2018 | DAUS | Future | 3,113 | 12.8585 | 12.7062 | 0.0000 | 0.0000 | 0 | 0.00 |
| Nov 2018 | DAUS | Future | 70 | 12.8799 | 12.7270 | 0.0000 | 0.0000 | 0 | 0.00 |
| Nov 2018 | DAUS | Future | 2,812 | 12.9080 | 12.7542 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | DAUS | Future | 1,580 | 12.9585 | 12.8029 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jan 2019 | DAUS | Future | 1,225 | 13.0089 | 12.8517 | 0.0000 | 0.0000 | 0 | 0.00 |
| Feb 2019 | DAUS | Future | 70 | 13.0301 | 12.8722 | 0.0000 | 0.0000 | 0 | 0.00 |
| Feb 2019 | DAUS | Future | 1,225 | 13.0545 | 12.8958 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> | | |
|-------------|-----------------|--------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|----------------------|---------------------------|
| Mar 2019 | DAUS | Future | 4,414 | 13.0991 | 12.9381 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Apr 2019 | DAUS | Future | 1,225 | 13.1553 | 12.9915 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jul 2020 | DAUS | Future | 84,000 | 13.8636 | 13.7057 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>124,744</u> | | | | | <u>22,000.00</u> | <u>278,166,200.00</u> | <u>10 136 900.00</u> | <u>123 153 792 497.90</u> |

Option

| | | | | | | | | | |
|----------|------|------------|-------|-----------|-----------|--------|--------|---|------|
| May 2018 | DAUS | 12.24 Put | 118 | 2.3230 | 16.0734 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.55 Call | 118 | 97.6765 | 43.8668 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.60 Put | 270 | 61.7696 | 175.7041 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.69 Call | 270 | 36.0905 | 18.4836 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 12.75 Call | 118 | 23.4793 | 12.7400 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 13.80 Put | 1,000 | 1194.6191 | 1343.4202 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 15.43 Call | 500 | 0.0308 | 0.0844 | 0.0000 | 0.0000 | 0 | 0.00 |
| May 2018 | DAUS | 15.89 Call | 500 | 0.0822 | 0.2348 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.80 Call | 1,746 | 65.6239 | 37.2370 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.22 Put | 500 | 58.5956 | 99.0147 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.44 Put | 109 | 125.3072 | 190.3379 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.45 Put | 635 | 129.1618 | 195.3458 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.47 Put | 158 | 137.0947 | 205.5812 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.52 Call | 109 | 290.8298 | 217.4257 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.55 Call | 500 | 274.4028 | 204.9720 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.56 Call | 635 | 269.0745 | 200.9584 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.62 Call | 158 | 238.6580 | 178.2799 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 12.85 Call | 500 | 150.1555 | 111.1117 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 13.80 Put | 1,000 | 1166.2023 | 1308.6919 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 15.62 Call | 500 | 0.6677 | 0.7305 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | DAUS | 16.10 Call | 500 | 0.7848 | 0.7990 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 11.80 Put | 2,000 | 13.6671 | 21.7932 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 12.50 Put | 2,000 | 154.8653 | 226.6185 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 13.12 Call | 2,000 | 92.7551 | 69.1950 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 12.07 Put | 2,000 | 40.5885 | 69.3478 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 13.60 Call | 1,000 | 41.5647 | 31.1321 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 13.73 Call | 1,000 | 32.1204 | 24.0654 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 14.45 Put | 1,500 | 1771.6735 | 1916.3600 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 15.94 Call | 1,500 | 2.3960 | 2.5042 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 13.80 Put | 1,000 | 1160.0995 | 1296.6137 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 15.82 Call | 500 | 3.4426 | 3.2824 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jul 2018 | DAUS | 16.32 Call | 500 | 2.3297 | 2.4780 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | 12.32 Put | 1,880 | 152.7680 | 208.9877 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | 13.86 Put | 1,880 | 1214.3570 | 1350.1134 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | 16.18 Call | 1,880 | 3.0217 | 2.7100 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | 13.80 Put | 1,000 | 1162.5069 | 1293.9789 | 0.0000 | 0.0000 | 0 | 0.00 |
| Aug 2018 | DAUS | 16.05 Call | 500 | 7.5402 | 5.8234 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> | | |
|---------------|-----------------|------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|----------------------|---------------------------|
| Aug 2018 | DAUS | 16.57 Call | 500 | 3.4763 | 2.5399 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | DAUS | 13.80 Put | 1,000 | 1166.3348 | 1294.5388 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | DAUS | 16.25 Call | 500 | 11.9029 | 9.2678 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | DAUS | 16.80 Call | 500 | 5.4433 | 4.0821 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | 13.80 Put | 1,000 | 1170.8892 | 1295.7934 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | 16.47 Call | 500 | 29.5566 | 26.6477 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Oct 2018 | DAUS | 17.02 Call | 500 | 18.2027 | 14.8960 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 11.90 Put | 1,880 | 121.4383 | 155.4239 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 13.86 Put | 1,880 | 1220.0183 | 1346.0197 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 16.81 Call | 1,880 | 25.2662 | 20.9169 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 10.83 Put | 51,000 | 20.1489 | 24.7139 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 11.67 Put | 51,000 | 82.9463 | 107.9002 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 13.22 Call | 51,000 | 406.4099 | 357.9178 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 13.80 Put | 1,000 | 1174.7870 | 1296.9688 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 16.70 Call | 500 | 41.5659 | 37.0126 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Nov 2018 | DAUS | 17.31 Call | 500 | 23.9371 | 20.7786 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 13.65 Put | 20,000 | 1060.4418 | 1177.6641 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 15.69 Call | 20,000 | 80.3509 | 74.4582 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 13.80 Put | 1,000 | 1178.3602 | 1298.2821 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 16.93 Call | 500 | 53.1543 | 45.5070 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | DAUS | 17.58 Call | 500 | 30.7628 | 26.1112 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Apr 2019 | DAUS | 13.00 Put | 2,500 | 673.1120 | 760.4368 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Apr 2019 | DAUS | 13.49 Call | 2,500 | 640.7368 | 580.9161 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>244,224</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>18 724 403.00</u> | <u>0.00</u> |
| Total | | | 368,968 | | | | | 22,000.00 | 278,166,200.00 | 28 861 303.00 | 123 153 792 497.90 |
| Future | | | | | | | | | | | |
| Jun 2018 | EUUS | Future | 280 | 1.1577 | 1.1636 | 1.1616 | 1.1590 | 20 | 232,060.00 | | |
| | | | <u>280</u> | | | | | <u>20.00</u> | <u>232,060.00</u> | <u>709 146.00</u> | <u>8 033 145 032.00</u> |
| Total | | | 280 | | | | | 20.00 | 232,060.00 | 709 146.00 | 8 033 145 032.00 |
| Future | | | | | | | | | | | |
| Sep 2018 | JYZA | Future | 283 | 8.4488 | 8.5875 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>283</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>18 783.00</u> | <u>186 145 988.86</u> |
| Option | | | | | | | | | | | |
| Jun 2018 | JYZA | 8.79 Call | 50,000 | 532.7010 | 1119.4051 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | JYZA | 8.89 Put | 1,200 | 3131.1664 | 2134.2796 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | JYZA | 8.17 Put | 50,000 | 2006.5784 | 1700.7639 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>101,200</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>175 800.00</u> | <u>0.00</u> |
| Total | | | 101,483 | | | | | 0.00 | 0.00 | 194 583.00 | 186 145 988.86 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | | <u>CUMULATIVE VOLUME</u> | |
|---------------|-----------------|--------------|-----------------|------------|-----------------|-------------|------------|---------------------|----------------------|--------------------------|---------------------------|
| Future | | | | | | | | | | | |
| Jun 2018 | ZAAD | Future | 15,522 | 9.5033 | 9.4257 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAAD | Future | 800 | 9.6236 | 9.5447 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | ZAAD | Future | 11,412 | 9.7406 | 9.6598 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>27,734</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>3 628 144.00</u> | <u>31 430 698 508.10</u> |
| | | Total | 27,734 | | | | | 0.00 | 0.00 | 3 660 521.00 | 31 430 698 508.10 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZACA | Future | 2,080 | 9.7116 | 9.5983 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>2,080</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>132 343.00</u> | <u>1 300 163 420.10</u> |
| | | Total | 2,080 | | | | | 0.00 | 0.00 | 132 343.00 | 1 300 163 420.10 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAEU | Future | 112,579 | 14.6265 | 14.5292 | 14.7007 | 14.6097 | 167 | 2,445,317.70 | | |
| Sep 2018 | ZAEU | Future | 60,742 | 14.9092 | 14.8089 | 14.8866 | 14.8712 | 1,000 | 14,878,900.00 | | |
| Dec 2018 | ZAEU | Future | 8,375 | 15.1865 | 15.0823 | 15.2135 | 15.1920 | 750 | 11,401,375.00 | | |
| Mar 2019 | ZAEU | Future | 4,808 | 15.4958 | 15.3851 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2019 | ZAEU | Future | 5,256 | 15.7754 | 15.6585 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>191,760</u> | | | | | <u>1,917.00</u> | <u>28,725,592.70</u> | <u>14 596 531.00</u> | <u>207 883 883 555.20</u> |
| | | Total | | | | | | 1,917.00 | 28,725,592.70 | 14 596 531.00 | 207 883 883 555.20 |
| Option | | | | | | | | | | | |
| Jun 2018 | ZAEU | 13.50 Put | 29,734 | 3.4895 | 4.2632 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 13.75 Put | 50,948 | 6.3483 | 8.2049 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 13.97 Put | 6,460 | 14.0804 | 23.6541 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 14.25 Put | 29,734 | 53.5425 | 78.7855 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 14.30 Call | 10,000 | 391.8937 | 323.4770 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 14.40 Call | 10,000 | 321.0832 | 260.4543 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 15.00 Call | 3,000 | 73.0427 | 57.2085 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 15.25 Put | 50,948 | 659.9727 | 749.5464 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 15.63 Call | 29,734 | 12.5884 | 10.2518 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 16.00 Call | 3,000 | 4.6438 | 3.9120 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 16.44 Put | 6,460 | 1815.2532 | 1912.3839 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 18.61 Call | 6,460 | 0.1195 | 0.1319 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAEU | 20.55 Call | 50,948 | 0.0013 | 0.0011 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAEU | 13.50 Put | 29,734 | 27.8703 | 33.1758 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAEU | 14.25 Put | 86,688 | 168.3542 | 197.8242 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAEU | 15.85 Put | 86,824 | 1126.1251 | 1210.2573 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAEU | 16.76 Call | 29,734 | 74.1133 | 67.8213 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAEU | 19.56 Call | 86,824 | 6.9864 | 6.1627 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>607,230</u> | | | | | <u>0.00</u> | <u>0.00</u> | <u>7 919 774.00</u> | <u>0.00</u> |
| | | Total | 798,990 | | | | | 1,917.00 | 28,725,592.70 | 22 516 305.00 | 207 883 883 555.20 |

Future

| DATE | CONTRACT | | OPEN INT | MTM | PREV MTM | HIGH | LOW | DAILY VOLUME | | CUMULATIVE VOLUME | |
|---------------|----------|--------------|----------------|----------|----------|---------|---------|---------------|----------------------|-------------------|--------------------|
| Jun 2018 | ZAFR | Future | 1,215 | 12.7172 | 12.5816 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>1,215</u> | | | | | <i>0.00</i> | <i>0.00</i> | 609 303.00 | 6 506 705 521.30 |
| | | Total | 1,215 | | | | | 0.00 | 0.00 | 609 303.00 | 6 506 705 521.30 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAGB | Future | 436,446 | 16.7817 | 16.6199 | 16.8373 | 16.6965 | 547 | 9,172,035.00 | | |
| Sep 2018 | ZAGB | Future | 18,594 | 17.0603 | 16.8944 | 17.1100 | 17.1100 | 100 | 1,711,000.00 | | |
| Dec 2018 | ZAGB | Future | 7,517 | 17.3292 | 17.1565 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Mar 2019 | ZAGB | Future | 4,932 | 17.6215 | 17.4404 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2019 | ZAGB | Future | 5,465 | 17.8932 | 17.7043 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>472,954</u> | | | | | <i>647.00</i> | <i>10,883,035.00</i> | 10 808 617.00 | 181 040 135 760.80 |
| Option | | | | | | | | | | | |
| Jun 2018 | ZAGB | 17.50 Put | 500 | 764.2026 | 912.3712 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Jun 2018 | ZAGB | 20.40 Call | 500 | 0.4790 | 0.3530 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>1,000</u> | | | | | <i>0.00</i> | <i>0.00</i> | 1 774 113.00 | 0.00 |
| | | Total | 473,954 | | | | | 647.00 | 10,883,035.00 | 12 582 730.00 | 181 040 135 760.80 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAJY | Future | 8,296 | 0.1162 | 0.1143 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>8,296</u> | | | | | <i>0.00</i> | <i>0.00</i> | 985 278.00 | 10 983 324 643.00 |
| | | Total | 8,296 | | | | | 0.00 | 0.00 | 985 278.00 | 10 983 324 643.00 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAKS | Future | 1,145 | 0.1241 | 0.1228 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAKS | Future | 562 | 0.1235 | 0.1223 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>1,707</u> | | | | | <i>0.00</i> | <i>0.00</i> | 31 923.00 | 432 652 210.00 |
| | | Total | 1,707 | | | | | 0.00 | 0.00 | 31 923.00 | 432 652 210.00 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZATR | Future | 3,940 | 2.7465 | 2.7001 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>3,940</u> | | | | | <i>0.00</i> | <i>0.00</i> | 258 929.00 | 923 231 285.50 |
| | | Total | 3,940 | | | | | 0.00 | 0.00 | 258 929.00 | 923 231 285.50 |
| Future | | | | | | | | | | | |
| Jun 2018 | ZAUM | Future | 419 | 12.6342 | 12.4865 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Sep 2018 | ZAUM | Future | 47 | 12.7859 | 12.6357 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| Dec 2018 | ZAUM | Future | 10 | 12.9308 | 12.7762 | 0.0000 | 0.0000 | 0 | 0.00 | | |
| | | | <u>476</u> | | | | | <i>0.00</i> | <i>0.00</i> | 150 787.00 | 173 735 224 700.00 |
| | | Total | 476 | | | | | 0.00 | 0.00 | 155 310.00 | 173 735 224 700.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> |
|-------------|-----------------|--------|------------------|------------|-----------------|-------------|------------|---------------------|-----------------------------|
| Jun 2018 | ZAUS | Future | 1,160,363 | 12.6342 | 12.4865 | 12.7146 | 12.5680 | 52,707 | 665,638,661.60 |
| Sep 2018 | ZAUS | Future | 85,599 | 12.7859 | 12.6357 | 12.8595 | 12.7311 | 1,264 | 16,140,559.10 |
| Dec 2018 | ZAUS | Future | 26,044 | 12.9308 | 12.7762 | 12.9600 | 12.9600 | 270 | 3,499,200.00 |
| Mar 2019 | ZAUS | Future | 4,948 | 13.0843 | 12.9240 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2019 | ZAUS | Future | 3,087 | 13.2268 | 13.0611 | 0.0000 | 0.0000 | 0 | 0.00 |
| | | | <u>1,280,041</u> | | | | | <u>54,241.00</u> | <u>685,278,420.70</u> |
| | | | | | | | | | <u>173 657 949.00</u> |
| | | | | | | | | | <u>2 048 420 010 519.10</u> |

Option

| | | | | | | | | | |
|----------|------|------------|---------|-----------|-----------|--------|--------|---|------|
| Jun 2018 | ZAUS | 11.00 Put | 60,750 | 0.3943 | 0.6358 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.20 Put | 2,550 | 0.8485 | 1.3803 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.35 Call | 10,000 | 1285.7079 | 1138.6253 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.45 Call | 10,000 | 1186.2243 | 1039.2279 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.50 Put | 40,216 | 2.2495 | 3.1054 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.60 Put | 12,000 | 2.8039 | 4.0664 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.75 Put | 60,000 | 4.0073 | 6.2715 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.77 Put | 76,000 | 4.2141 | 6.6633 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.80 Put | 5,500 | 4.5502 | 7.3068 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 11.90 Put | 9,500 | 5.9466 | 10.0558 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.00 Call | 3,000 | 642.1356 | 506.6180 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.00 Put | 38,700 | 7.9356 | 20.1180 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.06 Put | 150 | 12.2013 | 29.0188 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.12 Put | 372 | 18.1000 | 40.5020 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.14 Put | 155,500 | 20.4903 | 44.9581 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.15 Call | 500 | 505.9721 | 383.8098 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.15 Put | 1,000 | 21.7721 | 47.3098 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.20 Call | 40,000 | 463.3139 | 346.8499 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.23 Call | 3,000 | 438.5213 | 325.7335 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.25 Call | 40,000 | 422.3522 | 312.1107 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.25 Put | 12,415 | 38.1522 | 75.6107 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.30 Call | 4,000 | 383.2643 | 279.6785 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.30 Put | 24,500 | 49.0643 | 93.1785 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.40 Put | 15,103 | 77.1074 | 135.3875 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.45 Call | 150 | 278.6579 | 196.5139 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.50 Call | 3,250 | 248.3191 | 173.4229 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.50 Put | 115,230 | 114.1191 | 186.9229 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.55 Call | 80,000 | 220.3124 | 152.8988 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.75 Call | 4,000 | 132.4175 | 90.2377 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.75 Put | 66 | 248.2175 | 353.7377 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 12.96 Put | 2,700 | 400.7577 | 523.9295 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.00 Call | 15,500 | 67.0298 | 45.0498 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.00 Put | 21,228 | 432.8298 | 558.5498 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.05 Put | 1,250 | 474.0232 | 602.6044 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.17 Put | 965 | 577.1600 | 711.1441 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> |
|-------------|-----------------|------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|
| Jun 2018 | ZAUS | 13.20 Put | 372 | 603.7477 | 738.6525 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.30 Put | 25,500 | 694.2485 | 831.7886 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.35 Call | 60,000 | 24.2442 | 15.5645 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.46 Put | 5,183 | 842.7535 | 984.3735 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.48 Put | 7,420 | 861.6737 | 1003.6823 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.50 Put | 114,600 | 880.6598 | 1023.0338 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.64 Put | 70,530 | 1015.1119 | 1159.4959 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.75 Put | 2,415 | 1122.2165 | 1267.6541 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.80 Put | 500 | 1171.2109 | 1317.1627 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.81 Put | 40,000 | 1181.0293 | 1327.0725 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.83 Put | 300 | 1200.6836 | 1346.8995 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.84 Put | 500 | 1210.5194 | 1356.8166 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 13.90 Put | 1,000 | 1269.6425 | 1416.3652 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.00 Call | 30,000 | 2.9843 | 2.2603 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.00 Put | 500 | 1368.7843 | 1515.7603 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.10 Put | 7,028 | 1468.1378 | 1615.2983 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.25 Put | 2,000 | 1617.4475 | 1764.7965 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.53 Call | 7,600 | 0.9027 | 0.7396 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.71 Call | 50 | 0.6347 | 0.5327 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 14.81 Call | 500 | 0.5277 | 0.4486 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.11 Call | 760 | 0.3174 | 0.2775 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.14 Call | 2,700 | 0.3028 | 0.2650 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.22 Call | 372 | 0.2684 | 0.2351 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.30 Call | 24,500 | 0.2406 | 0.2094 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.43 Call | 15,000 | 0.2032 | 0.1749 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.50 Call | 114,600 | 0.1865 | 0.1594 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.53 Call | 965 | 0.1798 | 0.1534 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 15.79 Call | 40,000 | 0.1345 | 0.1118 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.16 Call | 5,183 | 0.0948 | 0.0757 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.38 Call | 750 | 0.0794 | 0.0458 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.41 Call | 300 | 0.0776 | 0.0416 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.49 Call | 7,420 | 0.0665 | 0.0320 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.52 Call | 66 | 0.0606 | 0.0290 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.65 Call | 500 | 0.0402 | 0.0189 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 16.92 Call | 2,415 | 0.0168 | 0.0076 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 17.00 Call | 3,500 | 0.0129 | 0.0057 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 17.21 Call | 500 | 0.0064 | 0.0028 | 0.0000 | 0.0000 | 0 | 0.00 |
| Jun 2018 | ZAUS | 17.38 Call | 7,028 | 0.0036 | 0.0015 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.48 Put | 5,200 | 28.6503 | 40.6911 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.50 Put | 45,000 | 29.6404 | 43.0582 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.60 Put | 2,000 | 39.6071 | 56.4987 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.75 Put | 93,314 | 59.1628 | 82.2064 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> |
|-------------|-----------------|------------|-----------------|------------|-----------------|-------------|------------|---------------------|--------------------------|
| Sep 2018 | ZAUS | 11.85 Put | 48,200 | 75.7248 | 103.4701 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 11.90 Put | 3,000 | 85.1731 | 115.4373 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.00 Put | 13,300 | 106.5741 | 142.1844 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.25 Call | 500 | 713.4274 | 616.4619 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.25 Put | 40,000 | 177.5274 | 230.7619 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.30 Put | 100 | 195.1538 | 251.6668 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.38 Put | 60,000 | 225.5280 | 287.3174 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.40 Put | 250 | 233.5404 | 296.6488 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.50 Call | 4,600 | 562.0195 | 481.4943 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.50 Put | 34,000 | 276.1195 | 345.7943 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.58 Put | 8,000 | 313.1740 | 388.0331 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.61 Put | 13,231 | 327.7475 | 404.5235 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.65 Put | 1,550 | 347.7450 | 427.0545 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.77 Call | 5,200 | 427.4642 | 365.9023 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.80 Call | 50 | 414.2933 | 355.0011 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 12.85 Put | 750 | 458.1264 | 551.8236 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.00 Call | 30,000 | 338.6511 | 289.9713 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.20 Call | 4,000 | 276.3545 | 236.8216 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.25 Call | 1,250 | 262.6383 | 225.1661 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.25 Put | 73,314 | 726.7383 | 839.4661 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.30 Call | 1,500 | 249.6056 | 214.1028 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.50 Call | 3,000 | 203.6118 | 174.6148 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 13.65 Call | 1,464 | 174.6703 | 150.0551 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 15.97 Call | 5,300 | 12.6057 | 9.5364 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 16.04 Call | 1,550 | 11.3222 | 8.5014 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 16.14 Call | 750 | 9.6965 | 7.2001 | 0.0000 | 0.0000 | 0 | 0.00 |
| Sep 2018 | ZAUS | 16.29 Call | 73,314 | 7.6577 | 5.5869 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 11.64 Put | 2,764 | 92.5001 | 117.5533 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 11.75 Put | 232,078 | 113.0780 | 142.7179 | 0.0000 | 0.0000 | 96 | 0.00 |
| Dec 2018 | ZAUS | 12.38 Put | 39,589 | 300.0010 | 362.0064 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 12.50 Call | 232,078 | 782.4479 | 696.0040 | 0.0000 | 0.0000 | 192 | 0.00 |
| Dec 2018 | ZAUS | 12.50 Put | 10,100 | 351.6479 | 419.8040 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 12.63 Put | 39,589 | 412.7922 | 487.5050 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.00 Call | 6,000 | 546.1113 | 484.7104 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.20 Call | 7,100 | 472.8450 | 419.6874 | 0.0000 | 0.0000 | 192 | 0.00 |
| Dec 2018 | ZAUS | 13.25 Call | 10,000 | 456.1095 | 404.8805 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.50 Call | 232,078 | 381.0378 | 338.7130 | 0.0000 | 0.0000 | 96 | 0.00 |
| Dec 2018 | ZAUS | 13.80 Call | 2,764 | 308.0896 | 274.5091 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 13.95 Call | 39,589 | 277.5308 | 247.5984 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 14.00 Call | 1,500 | 268.1063 | 239.3019 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 15.00 Call | 1,000 | 131.6990 | 117.5260 | 0.0000 | 0.0000 | 0 | 0.00 |
| Dec 2018 | ZAUS | 15.95 Call | 2,000 | 72.1554 | 66.5230 | 0.0000 | 0.0000 | 0 | 0.00 |

| <u>DATE</u> | <u>CONTRACT</u> | | <u>OPEN INT</u> | <u>MTM</u> | <u>PREV MTM</u> | <u>HIGH</u> | <u>LOW</u> | <u>DAILY VOLUME</u> | <u>CUMULATIVE VOLUME</u> | |
|-------------|-----------------|--------------|-------------------------|------------|-----------------|-------------|------------|-------------------------|------------------------------|------------------------------|
| Mar 2019 | ZAUS | 10.33 Put | 1,000 | 8.3713 | 12.8715 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 11.74 Put | 1,000 | 154.6785 | 188.2008 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 12.06 Put | 4,145 | 240.7640 | 285.4940 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 12.76 Put | 250 | 526.8159 | 605.8401 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 13.45 Call | 4,145 | 574.0929 | 518.1290 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 14.48 Call | 1,000 | 326.4246 | 293.5725 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Mar 2019 | ZAUS | 15.20 Call | 1,000 | 219.1556 | 197.6011 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2019 | ZAUS | 10.69 Put | 1,000 | 13.6781 | 29.3600 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2019 | ZAUS | 12.28 Put | 1,000 | 357.3533 | 411.1610 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Jun 2019 | ZAUS | 14.58 Call | 1,000 | 438.0913 | 398.5335 | 0.0000 | 0.0000 | 0 | 0.00 | |
| Dec 2019 | ZAUS | 20.00 Call | 2,000 | 116.0218 | 105.3924 | 0.0000 | 0.0000 | 0 | 0.00 | |
| | | | <u>2,921,108</u> | | | | | <u>576.00</u> | <u>0.00</u> | <u>49 004 352.00</u> |
| | | Total | <u>4,201,149</u> | | | | | <u>54,817.00</u> | <u>685,278,420.70</u> | <u>222 662 301.00</u> |
| | | | | | | | | | | <u>0.00</u> |
| | | | | | | | | | | <u>2 048 420 010 519.10</u> |

| | | | | | | | | | | | |
|--------------------|-------------------------|--|--|--|--|--|--|-------------------------|--------------------------------|---------------------------|------------------------------------|
| Grand Total | <u>5,990,306</u> | | | | | | | <u>79,401.00</u> | <u>1 003 285 308.40</u> | <u>304,165,977</u> | <u>2,851,595,951,806.28</u> |
|--------------------|-------------------------|--|--|--|--|--|--|-------------------------|--------------------------------|---------------------------|------------------------------------|